Application No. 10/790,574 Response Filed 4/8/2010

Reply to Office Action of 12/08/2009

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

 (Currently Amended) A system that facilitates extracting data in connection with spam processing, comprising:

a computer readable storage medium comprising:

a component that receives a message and extracts a set of features associated with some part, content or content type of a message; and

an analysis component that examines consecutiveness of characters within a subject line of the message and a content type of the message for spam in connection with building a filter, wherein the content type describes a type of data contained within a body of the message, the content type being case-sensitive and comprising a primary content-type, a secondary-content type, or a combination thereof, the primary content-type and the secondary-content type comprising at least one of a text, a multipart, a message, an image, an audio, a video, or an application.

- (Original) The system of claim 1, the analysis component determines frequency of consecutive repeating characters within the subject line of the message.
- (Original) The system of claim 2, the characters comprise letters, numbers, or punctuation.

Application No. 10/790,574 Response Filed 4/8/2010

Reply to Office Action of 12/08/2009

4. (Original) The system of claim 1, the analysis component determines

the frequency of white space characters within the subject line of the message.

5. (Previously Presented) The system of claim 1, the analysis

component determines distance between at least one alpha-numeric character and a blob,

wherein the blob comprises a random sequence of characters, numbers, punctuation, or a

combination thereof.

6. (Original) The system of claim 1, the analysis component determines

a maximum number of consecutive, repeating characters and stores this information.

7. (Original) The system of claim 1, the analysis component establishes

ranges of consecutive, repeating characters, the ranges corresponding to varying degrees of

spaminess, whereby messages can be sorted by their respective individual count of consecutive

repeating characters.

8. (Canceled)

9. (Previously Presented) The system of claim 1, the analysis

component compares the content type of a current message to stored content types of a plurality

of other messages to facilitate determining whether the message is spam.

10- 11. (Canceled)

12. (Original) The system of claim 1, the analysis component further

determines time stamps associated with the message.

Application No. 10/790,574 Response Filed 4/8/2010

Reply to Office Action of 12/08/2009

13. (Previously Presented) The system of claim 12, the analysis component determines a delta between time stamps.

14. (Original) The system of claim 13, the delta is between a first and a last time stamp.

15. (Original) The system of claim 1, the analysis component determines at least one of; a percentage of white space to non-white space in the subject line of the message and a percentage of non-white space and non-numeric characters that are not letters in the subject line of the message.

> 16. (Original) The system of claim 1, the filter being a spam filter.

17. (Original) The system of claim 1, the filter being a parental control filter.

18 The system of claim 1, further comprising a machine (Original) learning system component that employs at least a subset of extracted features to learn at least one of spam and non-spam.

19-41. (Canceled)

42. (Currently Amended) A method for evaluating spam as a function of message content, comprising:

> employing a processor executing computer readable instructions stored on a computer readable storage medium to implement the following:

Reply to Office Action of 12/08/2009

parsing a message to extract a set of features associated with a part, content, or content type of the message, wherein the content type describes the type of data contained within a body of the message, the content type being case-sensitive and comprising a primary content-type, a secondary content-type, or a combination thereof:

examining the extracted set of features to identify a frequency of consecutiveness of repeating characters within a subject line of the message to classify the message as spam or not spam- and to identify a distance of white-space characters between at least one alpha-numeric character and a blob comprising a random sequence of characters, numbers, punctuation, or a combination thereof to classify the message as spam or not spam; and

establishing ranges of consecutive, repeating characters, the ranges correspond to various degrees of spaminess, wherein each range comprises a number range of frequencies of the consecutive, repeating characters within the subject line of the message;

employing the ranges to sort the message by the frequency of consecutive repeating characters within the subject line of the message; and

processing the message as a function of the classification.

43. (Previously Presented) The method of claim 42, examining the consecutiveness of repeating characters comprises determining a frequency of the consecutiveness of repeating characters, wherein the characters comprise letters, numbers, punctuation, or white space.

Application No. 10/790,574 Response Filed 4/8/2010

Reply to Office Action of 12/08/2009

44. (Canceled)

45. (Canceled)

46. (Previously Presented) The method of claim 42, further comprising

comparing the set of features of the message to stored content types of a plurality of other

message to determine whether the message is spam.

47. (Currently Amended) One or more computer-readable media having

computer-executable instructions embodied thereon that, when executed, perform a method for

facilitating extracting data in connection with spam processing, comprising:

receiving a message;

determining a particular portion of a body of the message to analyze;

extracting a set of features associated with some part, content or content

type of the message:

examining consecutiveness of characters within a subject line of the

message and identifying a distance comprising a number of white-space

characters between at least one alpha-numeric character and a blob comprising a

random sequence of characters, numbers, punctuation, or a combination thereof;

examining a content type of the message for spam in connection with

building a filter, wherein the content type describes data contained within $\underline{the}\, \hbox{\tt [[a]]}$

body of the message, the content type being case-sensitive to capture a variation of a primary content-type, a secondary-content type, or a combination thereof,

each of the primary content-type and the secondary-content type comprising one

Page 6 of 19

Reply to Office Action of 12/08/2009

of a text, a multipart, a message, an image, an audio, a video, or an application;

and

determining at least one of a percentage of white space to non-white space

in the subject line of the message and a percentage of non-white space and

nonnumeric characters that are not letters in the subject line of the message;

calculating a delivery time for the message using a first timestamp

associated with origination of the message and a second timestamp associated

with receipt of the message; and

categorizing the delivery time into one of a plurality of ranges comprising

a range of amounts of time for delivering messages, the ranges corresponding to

various degrees of spaminess.